



IFW 281841
2815 #

PTO/SB/17 (10-03)
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FEE TRANSMITTAL for FY 2004		Complete if Known																																															
Effective 10/01/2003. Patent fees are subject to annual revision.		Application Number	10/075,390-Conf. #7206																																														
		Filing Date	February 15, 2002																																														
		First Named Inventor	Kristy A. Campbell																																														
		Examiner Name	N. Drew Richards																																														
		Art Unit	2818																																														
		Attorney Docket No.	M4065.0505/P505																																														
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27																																																	
TOTAL AMOUNT OF PAYMENT		(\$)																																															
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METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)																																															
<input type="checkbox"/> Check <input checked="" type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None		3. ADDITIONAL FEES																																															
<input checked="" type="checkbox"/> Deposit Account: Deposit Account Number: 04-1073 Deposit Account Name: Dickstein Shapiro Morin & Oshinsky LLP The Director is authorized to: (check all that apply) <input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) or any underpayment of fee(s) <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.																																																	
FEE CALCULATION																																																	
1. BASIC FILING FEE																																																	
<table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th colspan="2">Large Entity</th><th colspan="2">Small Entity</th><th rowspan="2">Fee Description</th><th rowspan="2">Fee Paid</th></tr><tr><th>Fee Code</th><th>Fee (\$)</th><th>Fee Code</th><th>Fee (\$)</th></tr></thead><tbody><tr><td>1001</td><td>770</td><td>2001</td><td>385</td><td>Utility filing fee</td><td></td></tr><tr><td>1002</td><td>340</td><td>2002</td><td>170</td><td>Design filing fee</td><td></td></tr><tr><td>1003</td><td>530</td><td>2003</td><td>265</td><td>Plant filing fee</td><td></td></tr><tr><td>1004</td><td>770</td><td>2004</td><td>385</td><td>Reissue filing fee</td><td></td></tr><tr><td>1005</td><td>160</td><td>2005</td><td>80</td><td>Provisional filing fee</td><td></td></tr><tr><td colspan="4" style="text-align: right; font-weight: bold;">SUBTOTAL (1)</td><td>(\$)</td><td>0.00</td></tr></tbody></table>		Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1001	770	2001	385	Utility filing fee		1002	340	2002	170	Design filing fee		1003	530	2003	265	Plant filing fee		1004	770	2004	385	Reissue filing fee		1005	160	2005	80	Provisional filing fee		SUBTOTAL (1)				(\$)	0.00		
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2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE																																																	
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**or number previously paid, if greater; For Reissues, see above																																																	
SUBMITTED BY		(Complete (if applicable))																																															
Name (Print/Type)	Thomas J. D'Amico	Registration No. (Attorney/Agent)	28,371																																														
Signature		Telephone	(202) 828-2232																																														
		Date	June 9, 2004																																														



Docket No.: M4065.0505/P505
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Kristy A. Campbell et al.

Application No.: 10/075,390

Confirmation No.: 7206

Filed: February 15, 2002

Art Unit: 2818

For: METHOD TO ALTER
CHALCOGENIDE GLASS FOR
IMPROVED SWITCHING
CHARACTERISTICS

Examiner: N. Drew Richards

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Supplemental Information Disclosure Statement is filed more than three months after the U.S. filing date, AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

A copy of each reference on the PTO/SB/08 is attached.

06/10/2004 SSANDARA 00000003 10075390
01 FC:1806 180.00 OP

In accordance with 37 CFR 1.97(g), the filing of this Supplemental Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Supplemental Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Supplemental Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

Please charge our Credit Card in the amount of \$180.00 covering the fee set forth in 37 CFR 1.17(p). Credit Card Payment Form SB-2038, with a signature from an authorized cardholder, is enclosed. The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1073, under Order No. M4065.0505/P505.

Dated: June 9, 2004

Respectfully submitted,

By 

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Registration No.: 28,371

Elizabeth Parsons

Registration No.: 52,499

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PTO/SB/08a/b (08-03)
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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/075,390; Conf. No.: 7206
				Filing Date	February 15, 2002
				First Named Inventor	Kristy A. Campbell
				Art Unit	2815
				Examiner Name	N. Drew Richards
Sheet	1	of	3	Attorney Docket Number	M4065.0505/P505

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A	US 2004/0035401	2/2004	Ramachandran et al.	
	B	US 2003/0212724	11/2003	Ovshinsky et al.	
	C	US 2003/0048744	3/2003	Ovshinsky et al.	
	D	US 2003/0212725	11/2003	Ovshinsky et al.	
	E	US RE 37,259E	7/2001	Ovshinsky	
	F	US 3,271,591	9/1966	Ovshinsky	
	G	US 3,961,314	6/1976	Klose et al.	
	H	US 3,966,317	6/1976	Wacks et al.	
	I	US 3,983,542	11/1976	Ovshinsky	
	J	US 3,988,720	10/1976	Ovshinsky	
	K	US 4,177,474	12/1979	Ovshinsky	
	L	US 4,267,261	5/1981	Hallman et al.	
	M	US 4,597,162	7/1986	Johnson et al.	
	N	US 4,608,296	8/1986	Keem et al.	
	O	US 4,637,895	1/1987	Ovshinsky et al.	
	P	US 4,646,266	2/1987	Ovshinsky et al.	
	Q	US 4,664,939	5/1987	Ovshinsky	
	R	US 4,668,968	5/1987	Ovshinsky et al.	
	S	US 4,670,763	6/1987	Ovshinsky et al.	
	T	US 4,673,957	6/1987	Ovshinsky et al.	
	U	US 4,678,679	7/1987	Ovshinsky	
	V	US 4,696,758	9/1987	Ovshinsky et al.	
	W	US 4,698,234	10/1987	Ovshinsky et al.	
	X	US 4,710,899	12/1987	Young et al.	
	Y	US 4,728,406	3/1988	Banerjee et al.	
	Z	US 4,737,379	4/1988	Hudgens et al.	
	A1	US 4,766,471	8/1988	Ovshinsky et al.	
	B1	US 4,769,338	9/1988	Ovshinsky et al.	
	C1	US 4,775,425	10/1988	Guha et al.	
	D1	US 4,788,594	11/1988	Ovshinsky et al.	
	E1	US 4,809,044	2/1989	Pryor et al.	
	F1	US 4,818,717	4/1989	Johnson et al.	
	G1	US 4,843,443	6/1989	Ovshinsky et al.	
	H1	US 4,845,533	7/1989	Pryor et al.	
	I1	US 4,853,785	8/1989	Ovshinsky et al.	
	J1	US 4,891,330	1/1990	Guha et al.	
	K1	US 5,128,099	7/1992	Strand et al.	
	L1	US 5,159,661	10/1992	Ovshinsky et al.	
	M1	US 5,166,758	11/1992	Ovshinsky et al.	
	N1	US 5,177,567	1/1993	Klersy et al.	
	O1	US 5,296,716	3/1994	Ovshinsky et al.	
	P1	US 5,335,219	8/1994	Ovshinsky et al.	
	Q1	US 5,359,205	10/1994	Ovshinsky	
	R1	US 5,341,328	8/1994	Ovshinsky et al.	
	S1	US 5,406,509	4/1995	Ovshinsky et al.	



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				Examiner Name	N. Drew Richards
Sheet	2	of	3	Attorney Docket Number	M4065.0505/P505

	T1	US 5,414,271	5/1995	Ovshinsky et al.	
	U1	US 5,534,711	7/1996	Ovshinsky et al.	
	V1	US 5,534,712	7/1996	Ovshinsky et al.	
	W1	US 5,536,947	7/1996	Klersy et al.	
	X1	US 5,543,737	8/1996	Ovshinsky	
	Y1	US 5,591,501	1/1997	Ovshinsky et al.	
	Z1	US 5,596,522	1/1997	Ovshinsky et al.	
	A2	US 5,687,112	11/1997	Ovshinsky	
	B2	US 5,694,054	12/1997	Ovshinsky et al.	
	C2	US 5,714,768	2/1998	Ovshinsky et al.	
	D2	US 5,825,046	10/1998	Czubatyj et al.	
	E2	US 5,912,839	6/1999	Ovshinsky et al.	
	F2	US 5,933,365	8/1999	Klersy et al.	
	G2	US 6,011,757	1/2000	Ovshinsky	
	H2	US 6,087,674	7/2000	Ovshinsky et al.	
	I2	US 6,141,241	10/2000	Ovshinsky et al.	
	J2	US 6,339,544	1/2002	Chiang et al.	
	K2	US 6,404,665	6/2002	Lowery et al.	
	L2	US 6,429,064	8/2002	Wicker	
	M2	US 6,437,383	8/2002	Xu	
	N2	US 6,462,984	10/2002	Xu et al.	
	O2	US 6,480,438	11/2002	Park	
	P2	US 6,487,113	11/2002	Park et al.	
	Q2	US 6,501,111	12/2002	Lowery	
	R2	US 6,507,061	1/2003	Hudgens et al.	
	S2	US 6,511,862	1/2003	Hudgens et al.	
	T2	US 6,511,867	1/2003	Lowery et al.	
	U2	US 6,512,241	1/2003	Lai	
	V2	US 6,514,805	2/2003	Xu et al.	
	W2	US 6,531,373	3/2003	Gill et al.	
	X2	US 6,534,781	3/2003	Dennison	
	Y2	US 6,545,287	4/2003	Chiang	
	Z2	US 6,545,907	4/2003	Lowery et al.	
	A3	US 6,555,860	4/2003	Lowery et al.	
	B3	US 6,563,164	5/2003	Lowery et al.	
	C3	US 6,566,700	5/2003	Xu	
	D3	US 6,567,293	5/2003	Lowery et al.	
	E3	US 6,569,705	5/2003	Chiang et al.	
	F3	US 6,570,784	5/2003	Lowery	
	G3	US 6,576,921	6/2003	Lowery	
	H3	US 6,586,761	7/2003	Lowery	
	I3	US 6,589,714	7/2003	Maimon et al.	
	J3	US 6,590,807	7/2003	Lowery	
	K3	US 6,593,176	7/2003	Dennison	
	L3	US 6,597,009	7/2003	Wicker	
	M3	US 6,605,527	8/2003	Dennison et al.	
	N3	US 6,613,604	9/2003	Maimon et al.	
	O3	US 6,621,095	9/2003	Chiang et al.	
	P3	US 6,625,054	9/2003	Lowery et al.	
	Q3	US 6,642,102	11/2003	Xu	



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	R3	US 6,646,297	11/2003	Dennison	
	S3	US 6,649,928	11/2003	Dennison	
	T3	US 6,667,900	12/2003	Lowery et al.	
	U3	US 6,671,710	12/2003	Ovshinsky et al.	
	V3	US 6,673,700	1/2004	Dennison et al.	
	W3	US 6,674,115	1/2004	Hudgens et al.	
	X3	US 6,687,427	2/2004	Ramalingam et al.	
	Y3	US 6,690,026	2/2004	Peterson	
	Z3	US 6,696,355	2/2004	Dennison	
	A4	US 6,687,153	2/2004	Lowery	
	B4	US 6,707,712	3/2004	Lowery	
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		Country Code ³	Number ⁴ -Kind Code ⁵ (if known)				

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CAA	Yoji Kawamoto et al. - "Ionic Conduction in As ₂ S ₃ -Ag ₂ S, GeS ₂ -GeS-Ag ₂ S and P ₂ S ₅ -Ag ₂ S Glasses," Journal of Non-Crystalline Solids 20 (1976), pgs. 393-404.	

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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.